

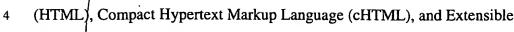
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CLAIMS

We claim:

1	1. A method for operating a wireless communication device having a
2	display screen and a user interface, comprising:
3	automatically finding one or more contact identifiers belonging to
4	predetermined classes within a message entity; and
5	displaying on the display screen of the wireless communications device
6	descriptive information relating to the found contact identifiers.

- 1 2. A method as recited in claim 1, wherein the message entity is 2 comprised of the headers and content of a text based message.
- 1 ' A method as recited in claim 2, wherein the text-based message is 2 ' stored on the wireless communication device.
 - 4. A method as recited in claim 2, wherein the text-based message is being processed by the wireless communication device.
- 5. A method as recited in claim 1, wherein the message entity is a markup language file.
- A method as recited in claim 5, wherein the markup language file is selected from the group consisting of Handheld Device Markup Language
 (HDML), Wireless Markup Language (WML), Hypertext Markup Language



5 Markup Language (XML).

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7. A method as recited in claim 1, wherein the predetermined classes of contact identifiers are selected from a group consisting of electronic mail contact identifiers, Uniform Resource Indicators (URIs), phone number contact identifiers, facsimile number contact identifiers, pager number contact identifiers, SMS contact identifiers and user specified contact identifiers.

8. A method as recited in claim 7, wherein the user specified contact identifiers are field entries in a file stored in association with a unique identifier for the user of the wireless communication device.

9. A method as recited in claim 8, wherein the file stored in association with a unique identifier for the user of the wireless communication device is selected from a group consisting of an address book, a calendar and a contact list.

1 10. A method as recited in claim 8, wherein the user specified contact
2 identifiers are field entries in a database stored on a remote server device.

1 11. A method as recited in claim 10, wherein the database stored on the remote server device is a public commercial database.



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12. A method as recited in claim 1, wherein the descriptive information relating to found contact identifiers includes a symbolic information indicator.

1 13. A method as recited in claim 12, wherein the symbolic information 2 indicator is an icon.

A method as recited in claim 1, further comprising:
associating a found contact identifier with one of a plurality of
communication services accessible through the wireless
communication device; and

utilizing the found contact identifier to setup a communication link for the associated communication service accessible through the wireless communication device.

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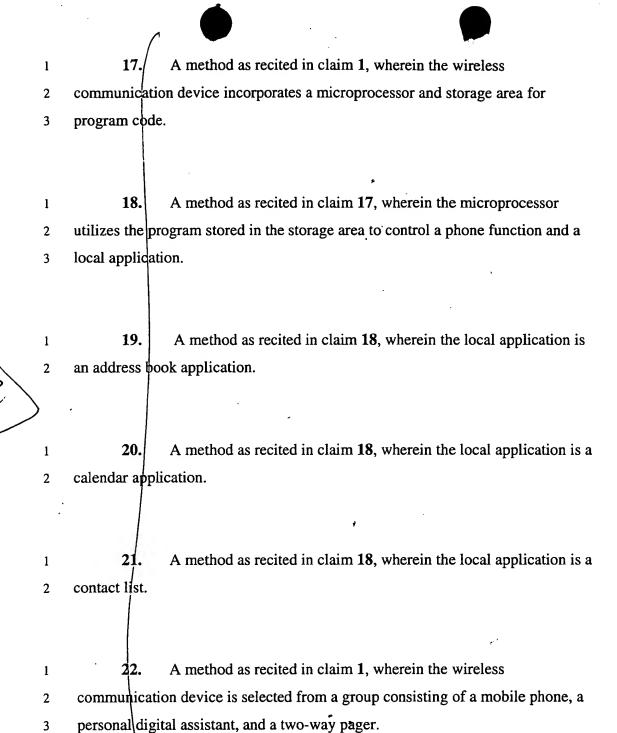
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15. A method as recited in claim 14, wherein the communication services accessible through the wireless communication device are selected from a group consisting of electronic mail services, facsimile services, short message services, paging services, file retrieval services and phone services.

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16. A method as recited in claim 1, further comprising: identifying resources containing found contact identifiers; and retrieving the identified resources.



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1	23. A computer readable medium on which is encoded computer		
2	program code for providing a display on the display screen of a wireless		
3	communication device, comprising:		
4	computer program code for finding contact identifiers belonging to		
5	predetermined classes within a message entity; and		
6	computer program code for generating a screen display presentation		
7	relating to the found contact identifiers belonging to pre-determined		
8	classes.		
1	24. A computer readable medium as described in claim 23, further		
2	comprising:		
3	computer program code for displaying symbolic identifiers relating to the		
4	function of found contact identifiers belonging to predetermined		
5	classes.		
1	25. A computer readable medium as described in claim 23, wherein		
2	the message entity is comprised of the headers and content associated with a		
3	designated message.		
1	26. A computer readable medium as described in claim 23, wherein		
2	the message entity is a markup language file.		
	* ,		
1	27. A computer readable medium as described in claim 26, wherein		
2	the markup language file is selected from a the group consisting of Handheld		
3	Device Markup Language (HDML), Wireless Markup Language (WML),		
4	Hypertext Markup Language (HTML), Compact Hypertext Markup Language		
5	(cHTML), and Extensible Markup Language (XML).		

1	28. A computer readable medium as described in claim 23, wherein
2	the predetermined classes of contact identifiers are selected from the group
3	consisting of email contact identifiers, Uniform Resource Indicators (URIs),
4	phone number contact identifiers, facsimile number contact identifiers, pager
5	number contact identifiers, SMS contact identifiers and user specified contact
6	identifiers.

29. A computer readable medium as described in claim 28, wherein the user specified contact identifiers are field entries in a file stored in association with a unique identifier for the user of the wireless communication device.

- 30. A computer readable medium as described in claim 29, wherein the file stored in association with a unique identifier for the user of the wireless communication device is selected from a group consisting of an address book, a calendar and a contact list.
- 1 31. A computer readable medium as described in claim 28, wherein
 2 the user specified contact identifiers are field entries in a database stored on a
 3 remote server device.
- 1 32. A computer readable medium as described in claim 31, wherein 2 the database stored on the remote server device is a public commercial database.

1	33.	A computer readable medium as described in claim 28, wherein
2	the screen disp	play presentation includes symbolic information identifiers.
1	34.	A computer readable medium as described in claim 33, wherein
2	the symbolic i	dentifiers are icons.
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1	35.	A wireless communication devide having a display screen and a
2	user interface,	comprising:
3	a stora	ge device for storing message entities;
4	a mem	ory for storing program code for a processor; and
5	a proce	essor coupled to the storage device and the memory, wherein the
6	pro	ocessor operates to execute the program code stored in the memory
7	to	find contact identifiers belonging to predetermined classes of
8	· cor	ntact identifiers in the message entities stored on the storage device
9 ,	and	display descriptive information on the display screen relating to
10	the	found contact identifiers.
1	36.	A wireless communication device as described in claim 35,
2	wherein the m	essage entities are comprised of the headers and content associated
3	with designate	d text based messages.
		· •
1	37.	A wireless communication device as described in claim 30,



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38. A wireless communication device as described in claim 37, wherein the markup language file is selected from a the group consisting of

wherein the text-based messages are markup language files.



Handheld Device Markup Language (HDML), Wireless Markup Language (WML), Hypertext Markup Language (HTML), Compact Hypertext Markup Language (cHTML), and Extensible Markup Language (XML).

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39. A wireless communication device as described in claim 35, wherein the predetermined classes of contact identifiers are selected from the group consisting of electronic mail contact identifiers, Uniform Resource Indicators (URIs), phone number contact identifiers, facsimile number contact identifiers, pager number contact identifiers, SMS contact identifiers and user specified contact identifiers.

A wireless communication device as described in claim 39, 1 wherein the user specified contact identifiers are field entries in a file stored in 2 association with a unique identifier for the user of the wireless communication 3 device.

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A wireless communication device as described in claim 40, 41. wherein the file stored in association with a unique identifier for the user of the wireless communication device is selected from a group consisting of an address book, a calendar and a contact list.

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42. A wireless communication device as described in claim 40,

wherein the user specified contact identifiers are field entries in a database stored 2

on a remote server device. 3

1	43. A wireless communication device as described in claim 42,
2	wherein the database stored on the remote server device is a public commercial
3	database.
1	44. A wireless communication device as described in claim 35,
2	wherein the descriptive information relating to found contact identifiers includes a
3	symbolic information indicator.
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1	45. A wireless communication device as described in claim 44,
2	wherein the symbolic information indicator is an icon.
1	46. A wireless communication device as described in claim 35, further
2	comprising:
3 .	program code stored in the memory for associating found contact
4	identifiers with communication services accessible through the
5	wireless/communication device; and
6	program code stored in the memory for utilizing found contact identifiers
7	to setup communication links for communication services accessible
8	through the wireless communication device.
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